AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

 (Previously Presented) A method for opening an integrated circuit fuse, the method comprising the steps of:

generating at least one opening to a fuse element that couples a plurality of terminals and is located in a non-last metal layer; and

wet etching the fuse element to open the fuse.

(Original) The method of claim 1, wherein the generating step includes:
 applying a photoresist to define an opening area for each opening; and
 etching to generate the at least one opening.

3. (Original) The method of claim 2, wherein the applying step includes:

depositing the photoresist;

exposing the photoresist using laser light; and

developing the photoresist to define the opening area for each opening.

- (Original) The method of claim 3, wherein the generating step further includes removing the photoresist and a diffusion barrier on the fuse element.
- 5. (Original) The method of claim 1, wherein the generating step includes applying a

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polymer and ablating the polymer with a laser to define the at least one opening.

- 6. (Cancelled).
- 7. (Original) The method of claim 1, wherein the at least one opening includes one opening to each side of the plurality of terminals.
- 8. (Original) The method of claim 7, wherein the wet etching step removes the fuse element under the plurality of terminals.
- 9. (Original) The method of claim 1, wherein each terminal is fully-landed on a wire of the fuse element and includes a metal liner surrounding the terminal.
- 10. (Original) The method of claim 1, wherein the fuse element and each terminal include copper.
- 11. (Original) The method of claim 1, wherein the wet etchant includes at least one of sulfuric acid, aqueous ammonium persulfate, hydrogen peroxide and water.

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- 12. (Original) An integrated circuit fuse comprising:
 - a plurality of terminals coupled by a fuse element;
 - wherein the fuse element is located in a non-last metal layer.
- (Original) The integrated circuit fuse of claim 12, wherein the fuse element includes a 13. wire and each terminal is fully-landed on the wire.
- 14. (Original) The integrated circuit fuse of claim 12, wherein each terminal includes a metal liner.
- 15. (Original) The integrated circuit fuse of claim 14, wherein the metal liner includes one of tantalum, tungsten and titanium nitride.
- 16. (Original) The integrated circuit fuse of claim 12, wherein the fuse element and each terminal include copper.
- 17. (Original) The integrated circuit fuse of claim 12, wherein each terminal includes a horizontal wire and a vertical stud, and the fuse element includes a wire that couples the vertical studs.
- 18. (Original) The integrated circuit fuse of claim 12, wherein a first terminal includes a horizontal wire and a terminal vertical stud, a second terminal includes a horizontal wire,

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and the fuse element includes a wire coupled to the vertical stud and a fuse vertical stud coupled to the horizontal wire of the second terminal.

- 19. (Original) An integrated circuit comprising:
 - a fuse including a plurality of terminals coupled by a fuse element; wherein the fuse element is located in a non-last metal layer.
- 20. (Original) The integrated circuit of claim 19, wherein each terminal is fully-landed on a wire of the fuse element.
- 21. (Original) The integrated circuit of claim 19, wherein each terminal includes a metal liner.
- 22. (Original) The integrated circuit of claim 21, wherein the metal liner includes one of tantalum, tungsten and titanium nitride.
- 23. (Original) The integrated circuit of claim 19, wherein the fuse element and each terminal include copper.
- 24. (Original) The integrated circuit of claim 19, wherein each terminal includes a horizontal wire and a vertical stud, and the fuse element includes a wire that couples the vertical studs.

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element.

- 25. (Original) The integrated circuit of claim 19, wherein the fuse element includes a horizontal wire coupled to a terminal vertical stud of a first terminal and a fuse vertical stud coupled to a horizontal wire of a second terminal.
- 26. (Previously Presented) An integrated circuit fuse comprising:
 a plurality of terminals coupled by a fuse element;
 wherein each terminal is fully-landed on an upper surface of a wire of the fuse
- 27. (Original) The integrated circuit fuse of claim 26, wherein each terminal includes a metal liner including one of tantalum, tungsten and titanium nitride.
- 28. (Original) The integrated circuit fuse of claim 26, wherein each terminal includes a horizontal wire and a vertical stud, and the fuse element includes a wire that couples the vertical studs.
- 29. (Original) The integrated circuit fuse of claim 26, wherein a first terminal includes a horizontal wire and a terminal vertical stud, a second terminal includes a horizontal wire, and the fuse element includes a wire coupled to the vertical stud and a fuse vertical stud coupled to the horizontal wire of the second terminal.

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30. (Currently Amended) An integrated circuit comprising:

an opened fuse area including a metal liner of a fuse element, the fuse element having been removed <u>via wet etching</u> to generate the opened fuse area, the metal liner being intact immediately adjacent to, and in non-contact, with a plurality of terminals.

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